

CLEAN VERSION OF AMENDED CLAIMS

All previous claims in the case have been canceled and claims 13-21 have been added as follows:

13. (new) A solid support for analytical measurement methods which is essentially composed of an inert solid support material on which hydrophilic measurement zones are separated from one another by at least one non-continuous hydrophobic coating, where the number of measurement points applied per cm² of the support is greater than or equal to 10.

14. (new) A solid support as claimed in claim 13, wherein the hydrophilic measurement zones applied to the support are separated from one another by non-continuous hydrophobic zones in the forms of rings.

15. (new) A support as claimed in claim 13, wherein the support material used is glass, ceramic, quartz, metal, stone, plastic, rubber, silicon or porcelain.

16. (new) A support as claimed in claim 13, wherein a transparent support material selected from the group consisting of glass, quartz, silicon, or plastic is used.

17. (new) An analytical measurement method which comprises applying liquid analysis samples in the hydrophilic measurement zones of a support as claimed in claim 13, overlaying the hydrophilic measurement zones with a hydrophobic liquid and performing the analysis.

18. (new) A analytical measurement method as claimed in claim 17, wherein the

analytical measurement is carried out in an atmosphere which is virtually saturated with water vapor.

19. (new) An analytical measurement method as claimed in claim 17, wherein the analytical measurement is carried out while cooling the support.

20. (new) The analytical measurement method of claim 17 adapted for diagnostic methods, screening of active substances, combinatorial chemistry, crop protection, toxicology or environmental protection.

21. (new) A solid support as claimed in claim 13, wherein an additional surface loading is applied to the hydrophilic measurement zones.